

ABSTRACT OF THE DISCLOSURE

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Aim of this invention is to place those billions of people on this planet who are not English-speaking but who want to have, or access, an appropriate domain name, on an equal footing with the English speaking populations. An embodiment of the invention proposed herein employs a translation database which has an entire set of international domain names, which can be in any suitable coding format, as an entry corresponding to a valid and current domain name definition (English-based domain name) or an IP address. This method fits into the current domain name system (DNS), system without generating conflicts, such as producing an unwanted duplicate domain name (DN). This method also has the flexibility, advantageously, to work with any language and character set. The DN/ML-DN to IP resolution scheme forms the basis of this invention. The ML-DN client does not talk to a normal DNS, except in the special case when the ML-DN is actually a DN (normal English one). The normal DNS dose not understand ML-DN and cannot translate a ML-DN request to a normal DN request. The ML-DNS translates the ML-DN request to a normal DN request. Then either the ML-DNS server or the ML-DN client can send the translated ML-DN, i.e. a normal DN, to a normal DNS to get the corresponding IP address. The choice of server or client is based on considerations of optimization of speed and ease of programming. Both approaches can be used.